

ABSTRACT

The invention relates to a set of resonators integrated in a single-crystal silicon substrate (1) and intended to allow the production of a temperature stable time base, and comprises at least a first (2) and a second (3) resonators designed to oscillate in modes of different type and with dimensions such that at least the first thermal coefficient α of their frequency difference is equal or close to zero. The second thermal coefficient β may also be highly reduced.

Figure for abstract: Fig. 1